

Title (en)  
Attenuated microorganisms for the treatment of infection

Title (de)  
Abgeschwächte Mikroorganismen für die Behandlung von Infektionen

Title (fr)  
Microorganismes atténués pour le traitement de l'infection

Publication  
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Application  
**EP 06012488 A 20000509**

Priority  
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Abstract (en)  
[origin: WO0068261A2] A *Salmonella* microorganism has an attenuating mutation which disrupts the expression of an apparatus gene located within the Spi2 pathogenicity island, and an auxotrophic mutation. The microorganism therefore has a double mutation which helps prevent reactivity of the microorganism while maintaining the effectiveness of the microorganism to elicit an immune response.

IPC 8 full level  
**C07K 14/255** (2006.01); **A61K 35/74** (2006.01); **C12N 15/09** (2006.01); **A61K 39/112** (2006.01); **A61K 48/00** (2006.01); **A61P 31/04** (2006.01); **A61P 43/00** (2006.01); **C12N 1/21** (2006.01); **C12N 15/31** (2006.01); **C12R 1/42** (2006.01)

CPC (source: EP KR US)  
**A61P 31/04** (2018.01 - EP); **A61P 31/12** (2018.01 - EP); **A61P 43/00** (2018.01 - EP); **C07K 14/255** (2013.01 - EP US); **C12N 1/20** (2013.01 - KR); **C12N 1/205** (2021.05 - EP US); **A61K 2035/11** (2013.01 - EP US); **A61K 2039/522** (2013.01 - EP US); **C12R 2001/42** (2021.05 - EP US); **Y02A 50/30** (2018.01 - EP US)

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